

Product name:	CD11b Mouse Monoclonal Antibody
Cat number:	MAB-94456
Conjugate:	Unconjugated
Size:	100 ug
Clone:	M1/70
Concentration:	0.5 mg/mL
Host:	Rat
Isotype:	Rat IgG2b, κ
Reactivity:	Human, Mouse
Applications:	FLOW CYTOMETRY Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 0.125 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Purification:	Purified
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage:	Store at 2~8°C, Avoid freeze / thaw cycles
Background:	CD11b is a 170 kD glycoprotein also known as αM integrin, Mac-1 α subunit, Mol, CR3, and Ly-40. CD11b is a member of the integrin family, primarily expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b noncovalently associates with CD18 ($\beta 2$ integrin) to form Mac-1. Mac-1 plays an important role in cell-cell interaction by binding its ligands ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4 (CD242), iC3b, and fibrinogen.